

IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

1. (original) A telephone applicable to a public switched telephone network (PSTN) and the IP network, comprising:
 - a first interface for transmitting and receiving analog signals over the PSTN;
 - a second interface for transmitting and receiving packet data over the IP network;
 - means for communicating with a telephone number translation server connected to the IP network through said second interface when a call is originated by entering a PSTN telephone number and obtaining an IP network telephone number of a destination telephone corresponding to the PSTN telephone number;
 - means for communicating with a call agent connected to the IP network through said second interface to obtain IP address information of the destination telephone corresponding to said IP network telephone number, and establishing call connection with the destination telephone via the IP network by using the IP address information; and
 - means for establishing call connection with the destination telephone via the PSTN through said first interface if the IP network telephone number of the destination telephone corresponding to said PSTN telephone number cannot be obtained from said telephone number translation server.

2. (original) The telephone according to claim 1, further comprising means for communicating with said telephone number translation server and registering a mapping of the telephone's own PSTN telephone number and IP network telephone number to the server when the telephone is connected to the IP network.

3. (original) The telephone according to claim 1, wherein, if the entered PSTN telephone number consists entirely of local exchange code and subscriber number, said means for obtaining the IP network telephone number converts the entered PSTN telephone number into a numbering format including a toll number prior to obtaining the IP network telephone number of the destination telephone.

Claims 4-9 (canceled).